

ELECTRONICS TECHNOLOGY (ET)

110 INTRODUCTION TO BASIC ELECTRONICS 4 UNITS

3 hours lecture, 3 hours laboratory

Exploratory course of study in the laws of physics as they relate to electricity and electronics.

Topics include: the history of electrical science, atomic structure, basic electrical laws, DC and AC circuits, semiconductors, integrated circuits, amplifiers, wave forms, electrical test equipment, circuit construction, and electrical safety. Background in basic algebra and use of scientific calculators is highly desirable.

AA/AS GE, CSU, CSU GE